Index of Claims

Application/Control No.

09/886,771 Examiner

Reexamination

Applicant(s)/Patent under

BRADLEY ET AL.

Art Unit

Tony Mahmoudi

2165

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α o Objected

| Clair        | Claim Date |              |          |               |          |          |                 |                 | Claim Date |          |  |       |          |              |                |           | CI       | aim           | Date    |         |            |      |          |          |                 |                    |          |          |         |          |   |               |
|--------------|------------|--------------|----------|---------------|----------|----------|-----------------|-----------------|------------|----------|--|-------|----------|--------------|----------------|-----------|----------|---------------|---------|---------|------------|------|----------|----------|-----------------|--------------------|----------|----------|---------|----------|---|---------------|
|              |            |              |          |               |          |          |                 |                 |            |          |  |       |          |              | ī              | 1         | Т        | Τ             | Т       |         |            |      | $\Box$   |          | Т               | Ť                  | Ť        | Т        | Т       | $\sqcap$ |   |               |
| Final        | Original   | 12/3/04      | 4/21/05  | 11/7/05       |          |          |                 |                 |            |          |  | Final | Original |              |                |           |          |               |         |         |            |      | Final    | Original |                 |                    |          |          |         |          |   |               |
| 1 1          | 1)         | 1            | √        | 1             |          |          |                 |                 | $\perp$    | -        |  |       | 51       |              | _              |           |          |               | +       | ╁       | $\vdash$   |      |          | 101      |                 | $\dashv$           | +        | +        | +       | +        | +   | $\vdash$      |
|              | 2          | Ť            | Ť        | <b>√</b>      | H        | Н        | Н               | $\dashv$        | -          | $\dashv$ |  |       | 52       | -            | $\dashv$       | $\dashv$  |          |               |         | +       | +          |      | -        | 102      | $\vdash$        |                    | +        | +        | +       | ┿        | +   | ╆┵            |
|              |            | 7            |          | \(\frac{}{}\) |          | -        | Н               | $\dashv$        | $\dashv$   | $\dashv$ |  |       | 53       |              | -              | -         | $\dashv$ | }             |         |         | +          |      |          | 102      |                 | +                  | +        | +        | +       | +        | +   | ₩             |
|              | 3          | √<br>√       | 1        | \<br>√        | -        | -        | Н               | $\vdash$        | -          | $\dashv$ |  |       | 54       | $\vdash$     |                |           | $\dashv$ | $\dashv$      | +       | +       | +          |      |          |          | -               | -                  | +        | +        | +       | +-       | +-  | ╁╌┤           |
|              | 4          | _            | <b>√</b> | _             |          | _        | Н               | $\vdash$        | $\dashv$   | ᅱ        |  |       |          | $\vdash$     |                |           | $\dashv$ | -+            |         | ┿       | ╂          |      |          | 104      | $\dashv$        | $\vdash$           | - -      | -        | +       | +        | ┼   | ₩             |
|              | 5          | 1            | <b>√</b> | <b>√</b>      |          |          | Н               | Н               | $\dashv$   |          |  |       | 55       |              | H              | _         | $\dashv$ | $\rightarrow$ | +       | +       | +          |      |          | 105      | $\vdash$        | +                  | +        | +        | +       | +        | +-  | ╁╌┤           |
|              | 6          | 1            | √,       | <u>√</u>      |          | L        | Н               | $\dashv$        | _          |          |  |       | 56       | L            |                | _         | _        | -             | -       | -       | +          |      |          | 106      |                 |                    | -        | +        | +       | -        | ╂   | ₩             |
|              | 7          | 1            | 1        | 1             |          |          | $\vdash$        | $\square$       | -          |          |  | -     | 57       | <u> </u>     |                |           |          |               |         | -       | ╁          |      |          | 107      |                 |                    | - -      | -        | +       | -        | -   | ₩             |
|              | <b>(2)</b> | 1            | 1        | 1             |          |          |                 | $\vdash$        | _          | ᅴ        |  |       | 58       | <u> </u>     | Ш              |           |          | $\dashv$      | _       | 4       | <b>-</b>   |      |          | 108      | Н               | _                  | 4        | _        | _       | 4        | ╄   | ┾┷┤           |
|              | 9          | 1            | 1        | 1             |          | _        | Ш               | $\square$       |            | _        |  |       | 59       | _            | Щ              |           | Щ        | $\perp$       |         | +       | $\perp$    |      |          | 109      | Ш               |                    | 4        | 4        | 4       | -        | ╀   | ┯             |
|              | 10         | 1            | √        | 1             |          |          |                 |                 | _          | 4        |  |       | 60       | _            |                |           |          |               | _       | 1       | <u> </u>   |      |          | 110      | Ш               |                    | +        | _        | 4       | 4        | 4_  | $\perp \perp$ |
|              | 11         | <b>√</b>     | 1        | 1             | Ш        | <u> </u> | $\sqcup$        | Ш               | _          | _        |  |       | 61       | <u> </u>     | Щ              | Щ         | Щ        | 4             | $\perp$ | 4       | ļ.,        |      |          | 111      | Ш               | $\perp$            | _        | 4        | $\bot$  | 4        | ╀   | ╙             |
|              | 12         | 1            | √.       | 1             | Ц.,      | L.,      | Ш               | $\square$       | $\dashv$   | _        |  |       | 62       | <u> </u>     | Щ              | Ш         |          | $\dashv$      | $\perp$ | $\bot$  | $\perp$    | :::: |          | 112      | Ш               |                    |          | 4        | $\bot$  | 4        | $\vdash$  | ╙             |
|              | 13         | 1            | <b>√</b> | 1             |          | <u> </u> | Ш               | Ш               | $\perp$    |          |  |       | 63       | <u> </u>     | Ш              |           |          | $\perp$       | $\perp$ | $\perp$ | $\perp$    |      |          | 113      | Ш               | $\perp \!\! \perp$ | _ _      | 4        | $\perp$ | 4        | Ι.  | ╙             |
|              | 14         | 1            | <b>√</b> | 1             | $\Box$   | L_       | Ш               | $\sqcup$        |            |          |  |       | 64       |              | Ш              |           |          | $\perp$       | $\perp$ |         | $\perp$    |      |          | 114      | $\Box$          | _ _                | _ _      | _ _      | _       | $\bot$   | _   |               |
|              | 15         | <b>√</b>     | 1        | √             |          |          |                 |                 | $\perp$    |          |  |       | 65       | L            |                |           |          |               | $\perp$ | ┸       |            |      |          | 115      |                 |                    | _        |          | $\perp$ |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | $\perp$       |
|              | 16         | <b>√</b>     | 1        | √             |          |          |                 | Ш               | _          | _        |  |       | 66       | <u> </u>     |                |           |          |               | $\perp$ | 1_      | $\perp$    |      |          | 116      | Ш               |                    | $\perp$  | $\perp$  | $\perp$ | $\perp$  | $\perp$   | Ш             |
|              | 12         | <u> </u>     | <b>V</b> | 1             |          |          |                 |                 |            |          |  |       | 67       | L            |                |           |          |               |         |         |            |      |          | 117      |                 |                    |          | ┙        | ᆚ       |          |   |               |
|              | <u>(8)</u> |              | 1        | 1             |          |          |                 |                 |            |          |  |       | 68       |              |                |           |          |               |         |         |            |      |          | 118      |                 |                    |          |          |         |          |   |               |
|              | 19         | √            | <b>√</b> | 1             |          |          |                 |                 |            | $\neg$   |  |       | 69       |              |                |           |          |               |         |         |            |      |          | 119      |                 |                    |          | $\neg$   | Т       |          |   |               |
|              | 20         | 1            | <b>V</b> | 1             |          |          |                 |                 |            | $\neg$   |  |       | 70       |              |                |           | ,        |               |         |         | Т          |      |          | 120      |                 |                    |          | Т        |         |          | Т   |               |
|              | 21         | 1            | V        | 4             |          |          | П               |                 |            | $\neg$   |  |       | 71       |              |                |           |          |               | $\top$  |         | П          |      |          | 121      |                 |                    |          | Т        |         |          | Τ   |               |
|              | 22)        | 1            | <b>V</b> | 1             |          |          | П               |                 |            |          |  |       | 72       |              |                |           |          |               |         |         | T          |      |          | 122      |                 |                    |          | Т        |         | T        |   |               |
|              | 23         | 1            | 1        | 1             |          |          |                 |                 |            |          |  |       | 73       |              |                |           |          |               | 1       |         | 1          |      |          | 123      |                 |                    |          | $\top$   | $\top$  |          |   |               |
|              | 24         | 1            | <b>V</b> | 1             |          |          | П               | П               |            | ヿ        |  |       | 74       |              |                |           |          |               | $\top$  |         | T          |      |          | 124      | П               |                    | 十        | $\top$   | $\top$  | T        |   | $\Box$        |
|              | 25         | <b>V</b>     | V        | <b>√</b>      |          |          | П               |                 |            | $\neg$   |  |       | 75       |              |                |           |          |               | _       |         |            |      |          | 125      |                 |                    | $\top$   | $\top$   | 十       | T        | 1   | $\Box$        |
|              | 26         | 1            | 1        | <b>√</b>      |          |          | М               |                 | 一          | ╗        |  |       | 76       |              | П              |           |          | _             | _       | ┪       | 1          |      |          | 126      |                 |                    | +        | _        | $\top$  | +        |   | 1             |
|              | 27         | 1            | 1        | 1             |          |          | П               |                 |            | $\neg$   |  | -     | 77       | _            |                |           |          | _             | $\neg$  |         | 1          |      |          | 127      |                 |                    | +        | +        | $\top$  | _        | $\top$  |               |
|              | 28         | ₹            | 1        | <b>√</b>      |          |          | H               | $\Box$          | $\dashv$   | 一        |  |       | 78       | _            | Н              |           | _        | $\neg +$      |         | +       | +-         |      |          | 128      | П               |                    | ┪        | ╅        | ┪       | ╅        | ┿   | $\vdash$      |
|              | 29         | i            | 1        | V             |          | -        | Н               | $\Box$          | $\dashv$   | $\dashv$ |  |       | 79       |              | Н              |           |          | $\dashv$      | $\top$  | +       |            |      |          | 129      |                 |                    | $\dashv$ | 十        | +       | +        | +   | $\vdash$      |
|              | 30         | <del>\</del> | Ì        | v             | Н        | -        | Н               | -               |            | ᅱ        |  |       | 80       |              | Н              |           |          |               | +       | +       | t          |      |          | 130      |                 |                    | +        | +        | +       | +        | +-  | $\vdash$      |
|              | 31         | i            | V        | Ť             |          | -        | Н               | $\vdash$        | -          | ᅱ        |  |       | 81       |              |                |           | -        | $\dashv$      | +       | +-      | +-         |      | -        | 131      |                 |                    | +        | +        | +       | +        | +-  | +             |
|              | 32         | ┪            | Ť        | ÷             | Н        | H        | H               | $\vdash$        | $\dashv$   | $\dashv$ |  |       | 82       |              | Н              | $\vdash$  | _        | $\dashv$      | _       | +-      | +          |      |          | 132      |                 | -+                 | +        | +        | +       | +-       | +-  | +             |
|              | 33         |              | $\dashv$ |               | Н        | Н        | Н               | $\vdash$        | -          | $\dashv$ |  |       | 83       | -            | Н              |           | -        |               | ╅       | +       | +          |      |          | 133      |                 | -                  |          | ╅        | +       | +        | ┿   | $\vdash$      |
|              | 34         | -            | $\dashv$ |               |          | $\vdash$ | -               |                 | $\dashv$   | $\dashv$ |  |       | 84       | $\vdash$     | H              | $\vdash$  | -        | +             | +       | +       | +          |      | -        | 134      | $\vdash$        | $\vdash$           | +        | ┿        | +       | +        | +-  | $\vdash$      |
|              | 35         | $\dashv$     | $\dashv$ |               | Н        | $\vdash$ | H               |                 |            | $\dashv$ |  |       | 85       | H            | $\vdash$       | $\dashv$  | $\dashv$ | $\dashv$      | +       | +       | +          |      |          | 135      | $\vdash$        |                    | +        | $\dashv$ | +       | +        | +   | $\vdash$      |
|              | 36         | $\dashv$     | $\dashv$ | _             | Н        | $\vdash$ | $\vdash$        | $\vdash$        | $\dashv$   | ᅱ        |  |       | 86       | $\vdash$     | Н              | $\vdash$  |          | +             | +       | +       | +          |      | -        | 136      | $\vdash$        | $\vdash$           | +        | ╅        | +       | +        | +   | $\vdash$      |
|              | 37         | $\dashv$     |          |               | $\vdash$ | $\vdash$ |                 | ┝┤              |            | ᅱ        |  |       | 87       | $\vdash$     | $\vdash$       | $\vdash$  | $\vdash$ | +             | +       | +       | +          |      |          | 137      | $\vdash$        |                    | +-       | ┰        | +       | +        | +   | $\vdash$      |
|              | 38         | -            |          |               | $\vdash$ | -        | $\vdash \vdash$ | $\vdash$        | -+         | $\dashv$ |  |       | 88       |              | Н              | H         | H        | $\dashv$      | +       | +       | +-         |      |          | 138      | $\vdash$        |                    |          | - -      | +       | +        | +-  | ╁╌┤           |
|              | 38<br>39   | -            | _        |               | Н        | $\vdash$ | $\vdash$        | $\vdash$        | $\dashv$   | $\dashv$ |  |       | 89       | H            | $\vdash$       | $\vdash$  |          |               |         | ╂~      | +          |      |          | 138      | $\vdash$        | -                  | +        | +        | +       | +        | +   | $\vdash$      |
| <del> </del> | 40         |              | -        |               | Н        | $\vdash$ | Н               | $\vdash$        | $\dashv$   | $\dashv$ |  |       | 90       |              | $\vdash$       | $\dashv$  | $\dashv$ | $\dashv$      |         | +-      | +          |      |          | 140      | $\vdash$        |                    | +        | +        | +       | +        | +   | $\vdash$      |
| <del></del>  | 40         | $\dashv$     |          |               | H        | H        | Н               | $\vdash$        | $\dashv$   | $\dashv$ |  |       | 91       |              | $\vdash$       | $\vdash$  | $\dashv$ | $\dashv$      | +       | +       | +          |      | <b>-</b> | 140      | $\vdash$        | -                  | +        | +        | +       | +        | +   | ┼╌┤           |
|              | 41         |              | -        | _             |          | -        | Н               | -               |            |          |  |       |          | $\vdash$     | $\vdash\vdash$ | $\vdash$  | $\vdash$ | +             | +       | +       | +          |      | -        | 141      | $\vdash \vdash$ | +                  | +        | +        | +-      | +-       | +   | ₩             |
|              | 42         | -            |          |               |          | $\vdash$ | Н               | $\vdash$        | +          | ᅱ        |  |       | 92       | -            | $\vdash$       |           |          |               | - -     | +-      | +          |      |          | 142      | $\vdash$        | _                  | +        | +        | +       | +        | +   | $\vdash$      |
|              | 43         | -}           | _        | _             | H        | H        | H               | $\dashv$        | $\dashv$   | $\dashv$ |  |       | 93       |              | $\vdash\vdash$ | $\dashv$  | $\dashv$ | -             | +       | +       | +          |      |          | 143      | $\vdash\vdash$  | $\dashv$           | +        | +        | +       | +-       | +-  | ╁─┤           |
|              | 44         |              | _        |               | Н        | Н        | Н               | $\dashv$        | $\dashv$   |          |  |       | 94       | <del> </del> | $\vdash$       | $\dashv$  |          | $\dashv$      | -       | +       | +          |      | <u> </u> | 144      | $\vdash$        |                    | +        | +        | +       | +        | +   | ┰             |
|              | 45         |              | _        |               | H        |          | Н               | $\vdash \vdash$ | $\dashv$   | 4        |  |       | 95       |              |                | _         |          | +             | +       | +       | $\vdash$   |      |          | 145      | ·               | +                  | +        | +        | +       | +-       | ╫   | ╁╌┤           |
|              | 46         |              | -        |               | Ш        | Ш        | $\sqcup$        | $\vdash \vdash$ | $\dashv$   | _        |  |       | 96       | <u> </u>     | $\vdash$       | -         |          |               | +       | +       | $\perp$    |      |          | 146      | $\vdash$        |                    | +        | +        | -       | +-       | +-  | ₩             |
|              | 47         | _            | -        |               | _        | <u> </u> | $\vdash$        | $\vdash \vdash$ | $\dashv$   | ᆜ        |  |       | 97       | _            |                | _1        | $\vdash$ | $\dashv$      | +       | +       | $\vdash$   |      |          | 147      | <b></b>         |                    | +        | +        | +       | -        | ┼   | $\vdash$      |
|              | 48         | _            | _        |               |          | _        | $\sqcup$        | Щ               | $\dashv$   | _        |  |       | 98       | <u> </u>     |                |           | _        | _             | $\perp$ | +       | $\perp$    |      |          | 148      |                 | -                  | +        | +        | +       | +        | ╀   | $\vdash$      |
|              | 49         | ļ            | _        |               | Щ        | Ш        | $\vdash$        | Щ               | _          | 4        |  |       | 99       | L.           | $\sqcup$       | $\square$ | <u> </u> | $\dashv$      | 4       | +       | $\vdash$   |      |          | 149      | $\square$       | <del> -</del> -    | 4        | +        | +       | 4        | ╀-  | +             |
| <u></u>      | 50         | 1            |          |               |          | لــا     | Ш               |                 |            | _        |  |       | 100      | Щ            | Ш              |           | Ш        |               | l_      |         | <u>l</u> . |      |          | 150      | Ш               | L                  |          |          |         |          |   |               |